

U. S. DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY

Form Bi-689

FIELD DIARY

Mr. E. A. Goldman

(Official title.)

Period, Sept. 28 to Dec. 4

1936

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Sept. 28, 1936.

Left Washington, D.C., 4.40 P.M.

Sept. 29.

Arrived Chicago, Ill. 8.20 A.M.

Spent at Field Museum with  
Logsdon. Looked up Alaskan wolves.  
Visited Zoological Park.

Left Chicago, 9.15 P.M.

Sept. 30, in route

Early morning Kansas City. Late  
afternoon Dodge City, Kas, and  
late evening La Junta, Col.

Oct. 1

Arrived Flagstaff, Ariz. 5.10 P.M.  
Met by Luther who had driven  
from California.

Oct. 2. Flagstaff, Ariz.

Conferred with Forest Service  
Officials, especially Bob Monroe,  
Deputy Supervisor. Wrote letters &  
organized for trip.

Oct. 3. Flag to Marble Canyon <sup>Ariz.</sup>  
Left Flagstaff, 1:20 PM.  
Morning devoted to completion of  
organization of outfit. Arrived  
Marble Canyon 127 miles 6:30 AM.  
Tire trouble delayed us 2 hours.

Oct. 4 Sun.

Left Marble Canyon, Ariz. 8:20 AM.  
arrived St. George, Utah 5:30 PM.  
Dist. tra.

Passed through Jim Hof. Park en route.

Oct. 5 Mon.

Left St. George, Utah, 9 AM and  
crossed Virgin River, passed Wolf  
Hole and Burdville and  
climbed the Hurricane <sup>near Hurricane</sup> ~~to~~ <sup>to</sup>  
the southern base of Mt.  
Trumbull where we camped at  
<sup>6:30 PM</sup> ~~6:30 PM~~  
Passed through a belt of Lower  
Sonoran zone characterized by

Cercocarpus and other zone veg.  
~~and~~ but soon climbed into  
Upper Sonoran, characterized by  
Quercus, juniper and pinon  
pines. Near Mt. Trumbull we  
entered the Transition zone indicated  
by yellow pine, Quercus ultraparvifolia,  
but generally invaded by juniper,  
and pinon pines as well as  
Sonoran zone elements. Arrived about  
5 P.M.

Dist. tra.

Set out some

Thomomys. Set out a few  
traps in a little park-like area  
where the soil was fairly soft.

Oct. 6, <sup>near</sup> Nixon  
Sp. Mt. Trumbull.

Thomomys, only one obtained.  
These gophers plug holes very

lightly so that traps are often  
left unopened.

*Cyanocitta*. Common.

*Sialia arctica* - Scum in <sup>field</sup> pine.

*Sialia mexicana*. In timber.

*Junco thurberii* (Black-headed) com.

*Junco utahensis*. Touched by  
frost and turning red and  
golden yellow. Big acorn crop  
falling.

Pinion pine. Big crop of nuts  
just falling.

Weather. Cool at night but  
days beautifully clear and  
warm - almost hot in the sun.

*Corvus sinuatus*. Common, flying  
about often two or three  
together. Mellow notes heard  
at intervals all day.

Oct. 7. Wed. <sup>Black</sup>  
Trumbull, N. Mex. 1908.

Continued trapping mainly  
for pocket gophers.

*Citellus grammurus*. Scum  
seen in <sup>edges of</sup> lava beds. Holes  
also noted under logs.

*Eutamias*. *Reithro* com.  
especially along edges of  
lava beds.

*Colaptes cafer*.

*Glaucocheilus quana*. Heard  
early evening.

*Bubo*. Heard at night.

*Spizella socialis*. A few  
seen in yellow pine timber.

Thurs. Trumbull, N. Mex.  
Oct. 8. N. Mex. 1908.

Continued trapping mainly for  
gophers.

*Columba fasciata* - About 35  
seen in pine.

Oct 9<sup>th</sup> Rison 8:00  
to 3:00 AM. Drained Butte.  
*Colubra fasciata*  
*Loria*

*Uromyces* etc. scarce  
Harrington ledge - started  
down about 4 PM - made  
descent in 15 minutes.

*Acropora* etc. - In  
Prism south of Drained  
Butte.

Returned about 5 PM.  
Arrived about 5 PM.

Oct 10  
Remained at Drained Butte  
Camp.

This is in lower part of Upper  
Sonoran zone.

A few  
Juncos - a few, but  
country mainly open.

Oct. 11.  
Mileage reading 7204  
Left Drained Butte Camp  
3:35 PM.

Upper Son. zone at camp  
Sage brush

Juncos  
Pineapple bush

Amongst - Holes among  
sage brush and clumps  
of sage brush.

Wolf Hole - just N.

Cross bridge about

500 yds. high corner

with the water

of yuccas & etc.

Spring.

*Hesperia paradoxa*  
*Dipodomys* etc.

Speedometer reading 7228

about 10 mi. N. of Wolf Hole.

Arrived 6 PM.

Sept 5<sup>th</sup> Oct. 12,  
Mileage reading 17249 13094

Drove up into Smekill  
Canyon at lower edge of  
Juniper in Virgin Mts.

Route led up slope through  
Lower Sonoran as indicated by  
Covillea etc to belt of  
Cedroglauca and Quercus bicolor,  
arrived 4 PM

Oct. 13.  
Remained at Smekill Canyon  
camp in Virgin Mts.

Ammodendron } seen  
Eucalyptus

together among lower  
juniper near camp.

Pinus

Juniper

Arctostaphylos red bark  
Lithospermum

Zonotrichia where houses and deer  
kept at spring.

*Acacia greggii*  
Virgin mts. A little transition  
zone on summit.

Yellow pine - a few  
clearly visible on summit of  
Mt. Bump.

Beaverdam mts. These extend  
down into Ariz. but are almost  
wholly Lower Sonoran - the  
end of the range makes a narrow  
gorge along Virgin River.

Oct. 14.  
Left Virgin Mts Camp  
4:10 PM.  
Mileage 7322  
Gas 1.00 gals.

Arr. 6 PM. ~~St. &~~ Beaver Dam  
near Guilfield Ariz.

Oct. 17  
Left Beaver Dam, 3 PM.  
Mileage 7346.  
Gas 3 gals.  
Arr. Las Vegas, Nev. 6 PM .72



Oct. 18. From Las Vegas,

New  
Leave Las Vegas, Nev. <sup>11:10</sup>~~9:45~~ a.m.

Mileage 74.70 inc. side  
trip of 26 miles to Overton gulch

Gas 10 gal — 2.10

Leak greased & oiled 2.00

Arr. Kingman 4 P.M.

Gas 5 gal 1.20

Arr. Williams, 7:30 P.M.

~~Gas~~

Oct. 19.  
Left Williams 8.30 a.m.  
Mileage 7715  
Gas 10 gals; oil 1 qt. 2.65  
Arr. Flagstaff, Ariz. 10. a.m.

Oct. 20  
Remained Flagstaff. Flaming  
still in progress. Reports &  
canned

Oct. 21  
Flagstaff to Camp Verde  
Left Flag. 11.35 a.m.  
Meter 7751  
Leclumia fasciata - ~~the above~~  
flock of about 50 sitting  
in three pine trees near ruin of  
Oak Creek Canyon 12 M.  
temperatures a.m.  
Indian Gardens - gate resort  
in oak belt - good for work

Arrived Camp Verde,  
3:30 PM

330 271

Meter reading on arrival 78200 m

camp Verde in upper part of  
Lower Sonoran zone. *Leucaena* grows  
low down along east side of  
valley.

Oct. 22

Remained at Camp Verde. Trapped last night on loose sandy areas, but traps took a number of Dipod. chapmani, which is abundant, and 2 Onychomys and a single specimen of Perom. eremicus.  
Paint in country & return 8 am - 6 pm.

Oct. 23

Left camp Nide 3.15 PM.

1 meter - Reading 7861

1 mile - 1861  
last night 158 traps were set in  
the hope of taking Perognathus  
amplus, for studying racially

ground was chosen. Traps  
this morning contained more  
Favosites rats, Dryomys, Peromyscus  
truei and P. eremicus.

Passed through meadow  
country mostly up the  
Sonoran Zone, but entered  
transition near Pine  
Arroyo Payson 6 A.M.

Oct. 24

Left Payson 8 a.m.

Miller 7916

Leontia

Daylight on

Подпись \_\_\_\_\_

Goph. 19 ambled.

Shrike

Handwritten: *Handwritten: 1000*

1000

Laville

*Hymanella* ~~new~~ (L. J. 1914)

Land of the  
Free  
and the  
Home of the  
Brave

Cottonwood } along shore  
 Sycamore }  
 willows }  
 Crooks  
 Palo verde  
 Road down Tonto Creek to  
 Roosevelt Lake,  
 Roosevelt Lake 10 a.m.  
 Coffee bush  
 Legumes  
 White pelican about 1/2  
 Roosevelt Lake.  
 Erba herodias Pinnock  
 2000 ft. 2, Roosevelt Lake.  
 Water gauge - At 11 a.m.  
 Arrived Phoenix in town about  
 3 p.m.

Oct. 25  
 Left Phoenix Ariz. 10:50 a.m.  
 Meter 8057  
 Lava extrusions even light -  
 colored, perhaps calcareous  
 formation near Gila River  
 on the left.  
 Arrived ~~Phoenix~~ <sup>Verde</sup> 2 p.m.  
 13 miles N. of Apo. Verde Range, Verde River

Oct. 26  
 Left ~~Phoenix~~ <sup>Verde</sup> 5 p.m.  
 Meter 8164  
 Arrived Apo 5:30 p.m.

Oct. 27  
 Left Apo 9:45 a.m.  
 Meter 8188 Apo  
 " 8209 Verde River  
 Sign { 30 miles N. of Apo - 9 mi  
 { 40 miles  
 { 20 miles  
 { 59 miles  
 Meter 8223

4

8827  
8226

8261  
 8188  


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 6) 73  
12

Oct. 29  
 Left Agua Dulce Mts.  
 12 M.  
 Meter 8226  
 Arrived Ajo 3 PM  
 Groceries Ajo  
 Dinner " " .39  
 1.75  
 Meter at Ajo. 8261  
 Arrived at Camp N. of Ajo 3:30 PM

Oct. 30  
 Left Camp N. Ajo 6.10  
 Meter 8275  
 Arrived Phoenix 10.45 PM

Oct. 31  
 Rem. Phoenix

Nov. 1  
Left Phoenix 225 PM.  
Meter 8383  
Arrived Tucson 6 PM.

Nov. 2  
Left Tucson 9 AM  
Meter 8515  
Arrived points near Oracle  
12 M.

Nov. 3.  
Left Oracle 1150 AM  
Meter 8578  
Arrived 6 PM Mammoth & points  
near

Nov. 4  
Left Mammoth camp 10 AM.  
Meter 8604  
Drove up along San Pedro River

Valley to Sacaton Ranch over  
a rough road. Had good  
views of Galiuro Mts. From  
Sacaton Ranch turned out of  
valley to Oracle and thence  
back to Tucson, arriving 6 PM

Nov. 5  
Left Tucson 11:30 AM.  
Meter 8696  
Arrived Phoenix via Ajo, 7 PM

Nov. 6  
Left Phoenix, 11.35; arr. Salome 6 PM  
Meter 8945  
Wickenburg for lunch about  
1 PM.  
Vulture Mts. near Wickenburg.  
Lower Sonoran.

Peak. Eye Game Peak -  
Ajo. Through a peak -

4, 500 ft. approx.

Vegetation - mostly low-lying  
mesquite, cholla (Ordway),  
Palo Verde

Giant cactus (scattered)

Acotillo

Amma Harris

Hargreahala Mts. Learned at Wenden  
that the Smithsonian maintained an  
observatory on top that was  
reached by a trail from the base.

about

Thomomys. Ten miles west of  
Hope found some gopher signs  
at type locality of hargravei.  
Set 12 traps along highway and  
returned to pass the night at  
Salome.

Nov. 7,  
Left Salome for traps 8:30 AM.  
Miles 90 88  
Returned 1 PM.

Nov. 8  
Left Salome for trip 8:30 AM.  
Miles 91 27  
alt. 1250 near bottom  
Rancapay Plains  
Ret 1 PM.



9423

9419  
9159  
260

9417  
9292

8) 127  
16

Nov. 9

Left Salome, 12.30 P.M.

Meter 9159

Arr. Yucca 7.30 P.M.

Road via Bouse, Swansea and Plant Ranch on Williams River. Through rugged but low hills near Swansea and down rather steeply to narrow Williams River Valley. Crops of corn have been raised at Plant Ranch and we looked in vain in old fields for signs of pocket gophers. From river which was easily crossed, as it contained little water, we ascended gradually over a ridge about 3000 ft in altitude through a veritable forest of true yuccas. Thence the road descended to Yucca.

Phalaenoptilus. After dark we came

upon about half a dozen of these birds at intervals but in one place two were seen sitting in the road their eyes glowing red in the light from the headlights on the car. They allowed us to approach quite near and at high speed they would have been in considerable danger of being struck by the car.

Ammo. harrisi. Several seen running across or along road near Williams River. Habit of carrying comparatively long tail elevated with the tip turned slightly backward was noted.

Falco b. cal. <sup>no</sup> noted near Williams river.

Falco spar. Several seen near Williams River.

Stopped for night at a small place run by an Arizona Mexican.

Nov. 10

Left Yucca 9 A.M.

Meter 9292 ~~9 A.M.~~

Arr. 3 P.M. Wikieus

Falco spar. - near Yucca  
Bioscope caty, 20 mi. SE of Yucca. Crowded road.

Ammo - among mesquite junipers & Yuccas 10 A.M. No. of Signal.

Lower part of Big Sandy mts

Nov. 11

Left Wikieus 5.15 P.M.

Meter 9361

Arr. 7 P.M. Kingman.

Route was gradually up the broadening valley of the river  
leaving out around the north end of the Huachuca mts to Kingman.

Nov. 12  
Left Kingman 7.45 AM.  
Miles 9419

Arrived Salome 9 P.M.

Route was from Kingman down to Mohave Indian School near the Colorado, then to Toiyah and out about 10 miles to northern end of Mohave Mts, south of the group of peaks known as the Needles.

Mohave Mts are granite in character, heavily decomposed and of the type that tend to bury themselves in contrast with the Needles which are of less friable formation.

Pack trail follows track on river bottoms and along granite washes leading up to near

$$\begin{array}{r} 10056 \\ 9900 \\ \hline 10 \overline{) 1566} \end{array}$$

$$\begin{array}{r} 9900 \\ 9694 \\ \hline 10 \overline{) 206} \end{array}$$

$$\begin{array}{r} 128 \\ 56 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 10168 \\ 9900 \\ \hline 17 \overline{) 268} \quad (15) \\ 17 \\ \hline 98 \end{array}$$

$$\begin{array}{r} 10168 \\ 9900 \\ \hline 10168 \\ 9694 \\ \hline 474 \end{array}$$

$$\begin{array}{r} 10168 \\ 10056 \\ \hline 7 \overline{) 112} \\ 16 \end{array}$$

Mohave Mts. in vain for  
gophers. Conditions along river  
bottoms near Papock appear  
excellent and it is probable  
the gophers are absent.

Return to Salome through  
California Territory.

Nov. 13.

Left Salome 8:30 a.m.

Meter 9694

Arr. Phoenix 11 a.m.

Nov. 14

Left Phoenix 12:45 p.m.

Meter 9808

Arr. Gila Bend 2 p.m.

Nov. 15  
Trip near Gila Bend  
Meter 9901 - Left 7.45 am. - ret'd,  
1 PM.

Nov. 16  
Trip to traps, Gila Bend  
Meter 9920

Left Gila Bend, 4.10 PM.

Meter 9930

Arr. Yuma 6.30 PM

Nov. 17

Left Yuma 7 AM

Meter 10056

Arr. Quartzsite 10.10 AM.

Veg. - *Acacia lehmannii* (V.D.),  
Ironwood, Palo Verde, giant  
cactus.

Region extremely arid.  
Water at Quartzsite 10/45

Meter at Blythe 10/68

Gas " " 7 gals

1.47

Gas at LA 12 3/4

1.39

Meter 10398

Arrived LA 5 PM

Nov. 18

Remained at Los Angeles, began  
annual leave 4:30 PM.

Nov. 19 On leave,

Drove LA to Berkeley

Nov. 20

Remained in Berkeley

Nov. 21

Drove to Ranch

Nov. 22

At Ranch.

Nov. 23  
Drove back to G.A.

Nov. 24 9am  
Resumed official duty in Los Angeles, & Pasadena. Family left for home.

Nov. 25  
At Cal Tech, drove in evening to San Diego with A.D. Van Patten & wife

Nov. 26 (Thanksgiving)  
Spent most of day at Museum

Nov. 27  
Spent most day at Museum, met Fowler, Clinton. Abbott and had luncheon with him.

Nov. 28 (Sat)  
Finished at Museum  
Stayed at Hotel Ocean Village  
on beach.

Noted on beach:

Sargassum  
Mimulus (Hudsonian)  
Plover (blk-bellied)  
Mocking Bird  
Marbled Godwit  
Western Willet





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